



Department of
Toxic Substances
Control

*The Mission of
the Department of
Toxic Substances
Control is to
provide the highest
level of safety, and
to protect public
health and the
environment from
toxic harm.*



State of California



California
Environmental
Protection Agency

Fact Sheet, April 2008

No Further Action Determination Proposed for Advanced Environmental Incorporated

Si desea informacion en Espanol comuniquese con el: Sr. Jacinto Soto al
(510) 540-3842.

Introduction

The California Department of Toxic Substances Control (DTSC) invites you to comment on a proposed No Further Corrective Action (NFA) determination for certain areas at Advanced Environmental Inc. (AEI), located at 13579 Whittram Avenue, Fontana, California 92335. AEI (Site or Facility) is an authorized hazardous waste management facility. Facility operations include the transferring and storing of used oil, waste antifreeze, oily water, oily contaminated debris, and various other contaminated petroleum products.

DTSC has prepared a Statement of Basis which summarizes site investigation results and the reasons for the proposed NFA determination. A Notice of Exemption (NOE) has also been prepared to comply with the California Environmental Quality Act (CEQA). The Statement of Basis and the NOE, along with other Site-related documents, are available at the information repositories listed on Page 4 of this fact sheet.

Public Comment Period

April 23, 2008 to June 9, 2008

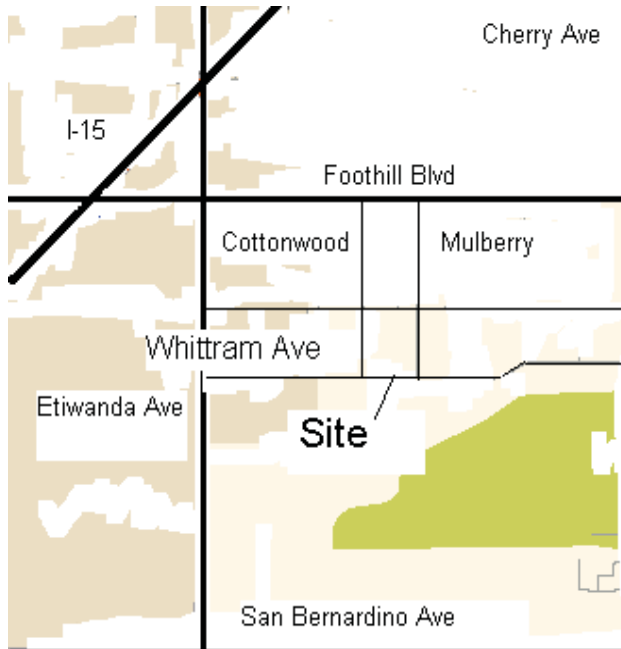
The public comment period begins April 23 and ends June 9, 2008. DTSC encourages you to review the Statement of Basis and comment on the proposed NFA determination. DTSC will not make a final decision on the proposed NFA determination until comments have been received and considered. Mail or email your comments by June 9, 2008 to:

Waqar Ahmad, Project Manager
Department of Toxic Substances Control
700 Heinz Avenue, Suite 200
Berkeley, California 94710
E-mail: wahmad@dtsc.ca.gov

DTSC will consider holding a public hearing if one is requested. The request should be in writing and should state the nature of the issues to be raised at the hearing. The written request should be postmarked by June 9, 2008 and sent to Waqar Ahmad at the address listed above.

Location and Background

AEI is located in an area zoned as industrial by the City of Fontana. The 4.3- acre facility is located near the California Speedway and is north of the Metrolink railroad tracks. The nearest residence is about ¼ mile from the Site. The nearest elementary school is 1.6 miles and the nearest day-care center is 2.4 miles from the Facility. Based on public records, the regional depth to groundwater beneath the facility is 400+ feet below ground surface.



Site Location Map

The facility was previously owned by Lakewood Oil, and then by Petroleum Recycling Corporation (PRC). AEI purchased it in 1995. In 1991 PRC was granted an Interim Status authorization by DTSC to store and treat used oil, oily water, waste antifreeze, and various petroleum contaminated products. In 1999, AEI decided the facility would operate only as a transfer and storage facility, and applied to DTSC for a Standardized Permit. DTSC prepared a Draft Standardized Permit and received public comments in 2005. DTSC revised the Draft Standardized Permit accordingly, and issued the Final Permit in November, 2007, which would have allowed AEI to relocate five tanks and replace or install up to 19 tanks. However, the Final Permit was appealed, and the appeal decision is pending. As a result of the appeal, AEI continues to operate under the Interim Status authorization.

AEI has been conducting corrective action investigations at the Site since 1996, and has removed several non-operational facility items, such as storage tanks, contaminated concrete pads, and various types of industrial equipment. Following the removal of these items, the investigation concluded that no further soil and groundwater investigation or remediation is required for the following facility areas: the Western Tank Farm, the Southwestern Tank Farm, the Facility Sump Area, the prior Soil Pile area, and the west area behind the Facility (refer to figure on page 5).

Corrective Action

Corrective Action is required for all hazardous waste management facilities to address any releases of hazardous waste or hazardous constituents. The Corrective Action process includes the following; a Resource Conservation and Recovery Act (RCRA) Facility Assessment, RCRA Facility Investigation, Corrective Measures Study, remedy selection, Corrective Measures implementation, and Corrective Action completion and certification.

In June, 1993 DTSC completed a RCRA Facility Assessment, and in 1996 AEI entered into a Consent Agreement with DTSC. As a result of the RCRA Facility Assessment, and subsequent site investigations, the following areas were identified as having potentially released hazardous substances into the environment and needed further investigation (refer to figure on page 5):

1. Solid Waste Management Unit (SWMU-1): Western Tank Farm
2. SWMU-2: Southwestern Tank Farm
3. SWMU-3: Southern Tank Farm
4. SWMU-4: Tank Farm 551
5. SWMU-5: Tank Farm 501
6. Area of Concern (AOC-1): Facility Sump Area
7. AOC-2: Soil beneath the Soil Stockpile
8. AOC-3: West Area behind Facility
9. Northwest Tank Farm (T-1001 – 1005)
10. Drum Storage Pad: a bermed concrete slab utilized for temporary storage of drummed wastes awaiting transfer to other facilities
11. Underground Products Pipeline: Two relatively short underground pipelines outside

of the tank farms

12. Sumps, Collector Boxes and Trenches: a total of 24 sumps, collector boxes and trenches were located. The exploratory drilling and soil sampling yielded no findings of concern.

Areas 3-5 (SWMU-3, SWMU-4, and SWMU-5) are active operational tanks and DTSC has determined that investigation of these areas will be deferred until the tanks are relocated or closed. Accordingly, AEI closed inactive non-operational tanks located in areas 1 and 2 (SWMU-1 and SWMU-2), took confirmation soil samples, and investigated areas 6-12. The closure activities are summarized below.

Closure Activities

On May 15, 2002, AEI submitted the Draft Partial Closure Plan for non-operational tanks, equipment and piping located in SWMU-1 and SWMU-2. These tanks and equipment were granted an interim status document (ISD) authorization from DTSC. DTSC held a 30-day public comment period on the Draft Partial Closure Plan. On December 17, 2002 DTSC approved the Partial Closure Plan and filed an NOE in compliance with CEQA.

During the partial closure in 2003, AEI removed 24 tanks/vessels and 51 structures including piping and equipment, an asphalt pad, and various other supporting items. AEI took soil samples below SWMU-1 and SWMU-2 and it was noted that a layer of plastic sheeting was underneath the gravel blanket beneath these tanks. The soil samples showed trace amounts of total petroleum hydrocarbons, volatile organic compounds, semi-volatile organic compounds and metals.

Soil Investigations

In addition to the tank closure activities, AEI conducted investigations at areas 6-12. During the soil investigations at the Site drilling was done to the depth of 100 feet below ground surface, and groundwater was not encountered at that depth. Therefore investigations have concluded that groundwater beneath the Site does not seem to be contaminated, based on its depth. Soil samples revealed a trace amount of used oil below the Former Underground Storage Tank (UST)

Area. No evidence of contamination was found in other investigative areas. AEI submitted the RCRA Final Investigation Report (RFI) and a Human Health Risk Assessment in 2005. DTSC has determined both reports are technically complete.

Human Health Risk Assessment (HRA)

AEI assessed the risk of residual contamination in soil. The source of hazardous waste and toxic releases has been used oil. There are four groups of chemicals of concern at the Site:

1. Petroleum hydrocarbons as total petroleum hydrocarbons (TPH)
2. Metals: arsenic, cadmium, chromium, lead, and copper
3. Aromatic Hydrocarbons: toluene, xylenes, and ethyl benzene
4. Oil and grease

The HRA calculated carcinogenic and non-carcinogenic risks to onsite indoor office workers, onsite outdoor construction workers, and offsite residents. DTSC has determined that the residual contamination in soil does not pose any unacceptable risks to these workers and residents. The HRA is available for review at the information repositories listed on page 4 of this fact sheet.

Future Activities

DTSC has proposed a determination that No Further Corrective Action is required for the Western Tank Farm (SWMU-1), Southwestern Tank Farm (SWMU-2), Facility Sump Area (AOC-1), the prior Soil Pile Area (AOC-2), and the Western Area behind the Facility (AOC-3). However, after the permit appeal process, if the final permit allows AEI to relocate, replace, or close the tanks listed below, AEI will investigate any potential releases from the tanks:

1. Used Oil Tanks T-1001, T-1002, T-1003, T-1004, and T-1005 located in the Northwestern Tank Farm
2. Used Oil Tanks T-451 through T-454
3. Used Antifreeze Tank T-501
4. Oily Water Tanks T-651 and T-652
5. Used Oil Storage Tanks V-511, V-512, and V-513
6. SWMU-3 – Southern Tank Farm: This tank

farm used to have twelve tanks. Currently, there are eight tanks in operation in this area. DTSC has determined that the investigation and cleanup of hazardous waste and constituents will be done when the Facility installs new tanks.

7. SWMU-4 – Tank Farm 551: This tank farm contained only one tank, T-551, which has been closed since the approved closure plan in 2003. The investigation and cleanup of hazardous waste and constituents will be done when the Facility installs new tanks.
8. SWMU-5 – Tank Farm 501: This tank farm contained two tanks (T-406 and T-501). Tank T-406 was closed in 2003. The investigation and cleanup of hazardous waste and constituents will be done when the Facility installs new tanks.
9. Former Processing Area: This area used to have several regulated units and processing equipment. A number of those units and structures have been removed from this area. Currently there are three used oil storage tanks: V-511, V-512, and V-513 that still are in operation.

California Environmental Quality Act (CEQA)

To comply with CEQA, DTSC has evaluated the environmental effects of the proposed NFA Determination and concluded that this proposed action does not have significant impacts on the environment. To document this finding, DTSC has prepared a Notice of Exemption for this project, which is available for public review at the information repositories listed below.

Information Repositories

The 2005 RCRA Final Investigation Report, the 2005 Health Risk Assessment, Statement of Basis, and the Notice of Exemption are available for public review at the following information repositories:

Fontana Branch Library
16860 Valencia Avenue
Fontana, California 92335
(909) 822-2321 (call for hours)

Department of Toxic Substances Control
File Room
700 Heinz Avenue Suite 200
Berkeley, California 94710
(510) 540-2122 (call for an appointment)

Online at:

<http://www.envirostor.dtsc.ca.gov/public/>

Once you are at the website, enter **Fontana** into the “City” field and enter **San Bernardino** into the “County” field, then click “Get Report”. Next, click on “Report” on the line that reads **Advanced Environmental Inc.**, then scroll down to access the RFI Report, or click on “Community Involvement” to access site-related public participation documents, such as fact sheets and public notices.

For More Information

For more information about the Site, the cleanup process, and related documents please contact:

Mr. Waqar Ahmad
Project Manager
Department of Toxic Substances Control
700 Heinz Avenue, Suite 200
Berkeley, California 94710
(510) 540-3932
Email: wahmad@dtsc.ca.gov

For information about public participation please contact:

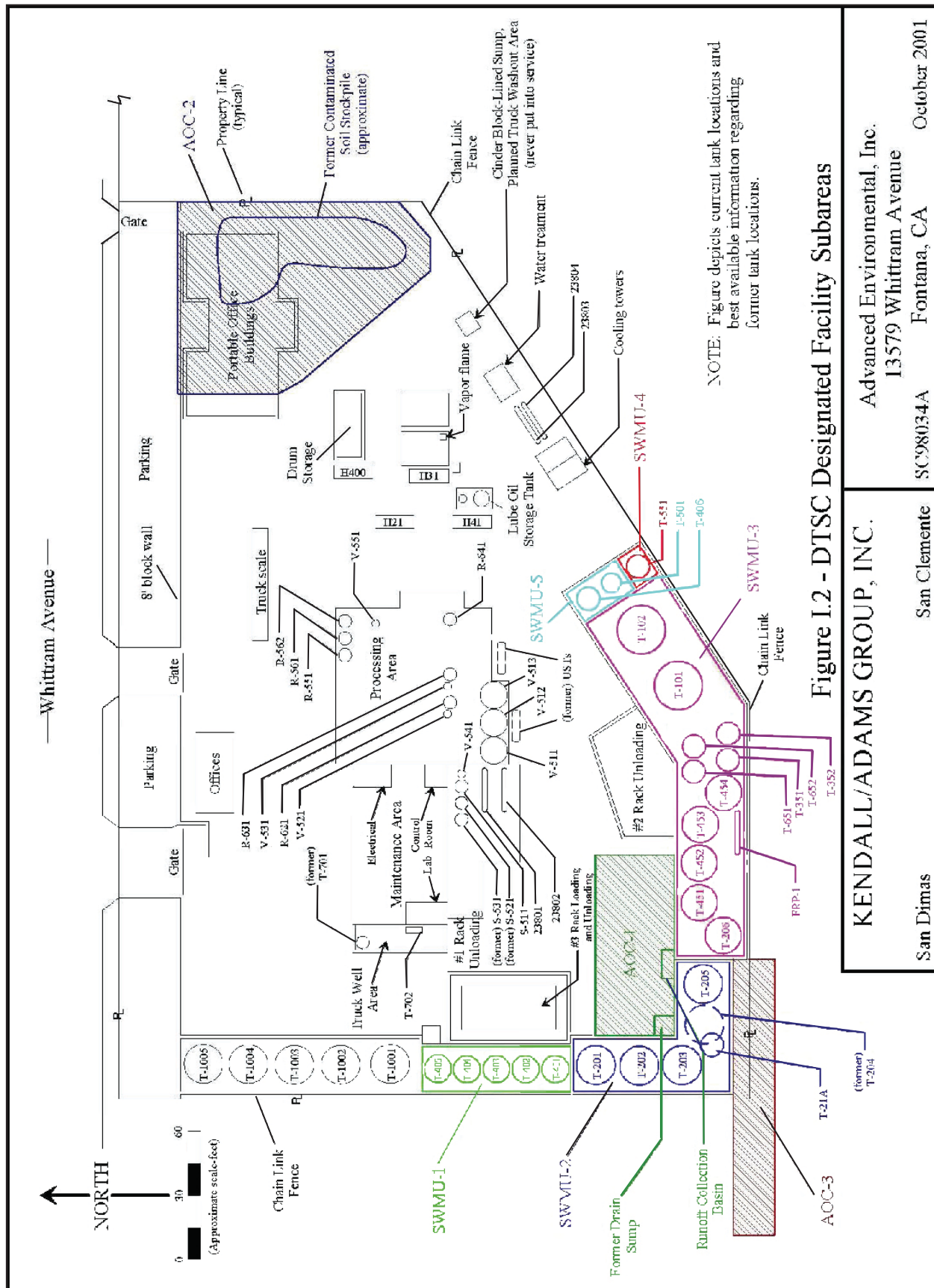
Mr. Marcus Simpson
Public Participation Specialist
Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, California 95826-3200
(916) 255-6683 or toll free at 1-866-495-5651
Email: msimpson@dtsc.ca.gov

Please direct media inquiries to:

Ms. Jeanne Garcia
Public Information Officer
Department of Toxic Substances Control
9211 Oakdale Drive
Chatsworth, CA 91311
(818) 717-6573
Email: jgarcia1@dtsc.ca.gov

Notice to the Hearing Impaired

You can obtain additional information by using the California Relay Service at 1-888-877-5378 (TDD). Ask them to contact Mr. Waqar Ahmad at (510) 540-3932 or Mr. Marcus Simpson at (916) 255-6683.



Location of Solid Waste Management Units and Areas of Concern